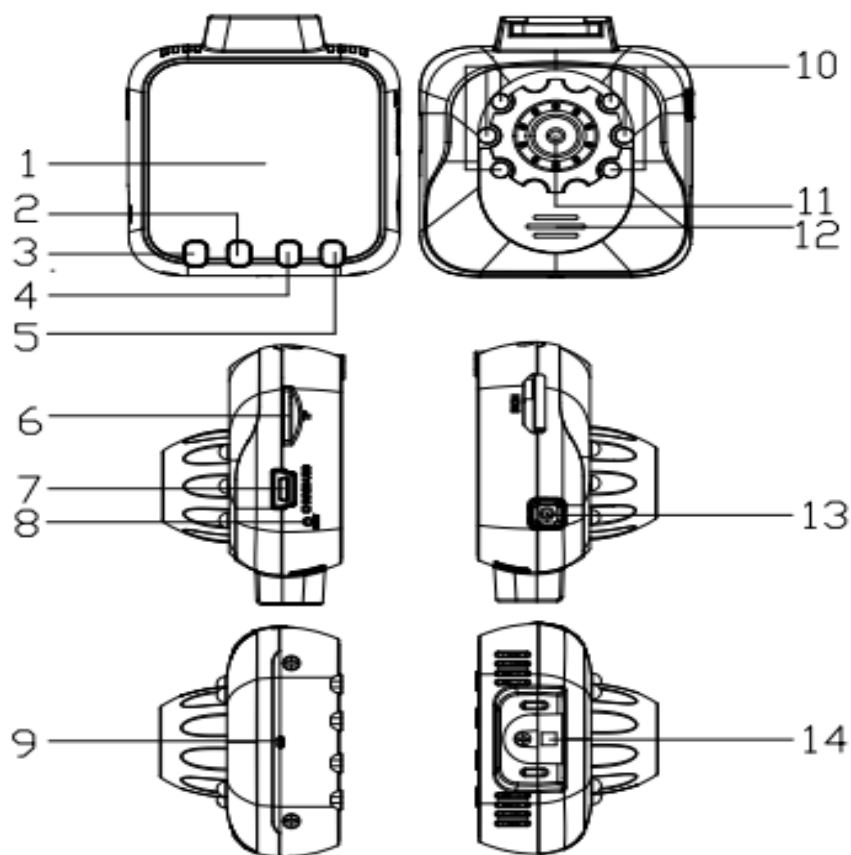


User manual

Product description

- Product structure



- | | | |
|------------------------|------------------|-------------|
| 1) Display screen | 2) REC | 3) UP |
| 4) MODE | 5) DOWN | 6) TF Slot |
| 7) USB interface | 8) Reset | 9) MIC |
| 10) LED flash light | 11) Camera | 12) Speaker |
| 13) Power button /MENU | 14) Bracket Hole | |

- **Button and interface function description:**

- 1) Screen

View photo and video

- 2) REC button

Confirmation button for video recording and taking photo;

In recording mode, press this mode to start video recording, re-press to stop;

In photo mode, short press to take photo.

Confirmation button for menu mode.

- 3) UP button

Short press on this button in standby and recording status can zoom out digital.

Choose up function in MENU item

- 4) MODE

Short press on this button to shift among “photo mode-Recording mode –playback mode”

- 5) DOWN button

Short press on this button in standby and recording status can zoom in digital.

Choose down function in MENU item

- 6) TF slot

Slot for memory card

- 7) USB data interface

Connect PC for Data transfer

Connect external power to charge battery or provide working power.

- 8) Reset slot

Use this to restart when crash

- 9) MIC

The tape receiving holes

- 10) LED flash light

Night vision flash light which can be open by short press on “POWER” button.

- 11) Camera

120 °wide-angle Len;

- 12) Speaker

Video playback, voice monitor, operating sound warning

- 13) POWER ON/OFF MENU button

Short press on this button to show function setting menu.

Long press the shutdown shutdown; short according to boot

- 14) Bracket hole

Install vehicle bracket hole

Special function description

- G-sensor function

When gravitational acceleration reach $6g(1g=9.80m/s)$, machine will save present video as undeletable files

Automatic power on/off function

- Support recording Start and shutdown synchronization with Auto and save the video files After connect to the car power supply

- Seamless loop recording, don't leak second

- SOS

Short press "MODE" to enforce saving the current video when video recording

REC/photo operation specifications

- Power on/off

Long press on "power on/off" button to start, Indicator light will shine when power on

Then long press again on "power on/off" button to shutdown and the indicator light go out

Notice: Machine will automatically power off after warning of low battery

- REC mode

Short press on "MODE" button shift to REC mode, REC icon is on the top left corner

Short press on "REC" mode to start recording, flashing red dot on REC icon

indicate the recording is on the way

- Photo mode

Short press on “MODE” button shift to photo mode, an photo icon is on the top left corner

Then short press on “REC” button to take a photo, screen flash one time means photo completed

- Video/photo playback

Short press on “MODE” button, shift to playback mode, playback icon is on the top left corner

Short press on “ UP” key can choose files up

Short press on “DOWN” key can choose files down

Short press on “REC” button to play the selected video files

- Menu setting

Short press on “menu” mode, enter video set status, and now the background color is yellow in “video icon” column; then press “M” button again shift to set status, the “set icon” column background is yellow.

In the setting items, press on “UP” “DOWN” keys can make shift up and down in sub items, then press “REC” button to set sub items.

Short press on “MENU” or “MODE” button can exit the setting status.

- Time settings

Short press “MENU” button to enter “setting status”, here short press on ‘menu’ button to set menu. Through “UP” “DOWN” keys to choose date time items, short press “REC” to enter, short press on “MODE” button can make shifts among y/m/d/h/m/s.

Adjust figure through “UP” “DOWN” buttons, then press “REC” button to confirm modification.

USB mode

Separate USB cable and computer, press “power on” button, car DVR will automatically show USB menu, two mode are available:

1: USB-Disk

In this mode we can access video files and photo files

2: PC-Camera

In this mode USB video equipment are shown, can take photo or make video chat

Battery instruction

- Battery indication image:



Full battery



slightly low battery



low battery



battery empty

- There are three methods to charge, the red indicator light up when charging, the entire charging time is about 180 minutes, and the red indicator light automatically off when charging completed.

1. Use power adapter to charge

2. Use PC-USB to charge

3. Use car power to charge

Notice: DVR can only use 5V car power supply, otherwise it may cause device damage.

This products Car power can only be used in 12V/14V

Remark: when appear crash because of improper operation, press “reset” button to restart.

- **Products specifications**

Features	HD camera, HD video recording
G-sensor	Built-in (car accident case of emergency save, will not be

	deleted)
LCD screen size	1.5LTPS
camera	120 A + grade high-resolution ultra wide-angle len
Language	Russian, Japanese、 French, Italian, German, spanish, English, Chinese (simplified), Chinese (Traditional), Korean, etc...
Files format	AVI
Resolution	1920*1080 1440*1080 1280*960 1280*720 720*480 640*480 320*240
Recording video format	M-JPEG
Color	standard
Continuous loop video	seamless loop recording
Automatically power on/off	Support auto ignition boot, turn off shutdown
Motion Detection	support
Time synchronization	Support (Y/M/D/H/M)
Carrier media	Built-in memory (total:64MB)
Photo mode	5million
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support
Video output	nonsupport ;
Video format	PAL/NTSC
Current frequency	50HZ/60HZ
USB function	1: USB-Disk 2: PC-Camera
Power interface	5V 800ma

Battery	Built-in 70mAh
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Trouble shooting:

➤ **Any problems in normal operating situation ,please try these methods below:**

- **Can't take photo and recording**
Check the if the TF card has enough space or locked.
Change a card or Format the card before recording.
- **Automatically stop when recording**
Use the compatible high-speed TF card with SDHC, at least C4, better to be C10
- **Appear “files error” when replay photo or video**
Uncompleted files because of TF card storage error, please use formatting function to format your TF card
- **Unclear video**
Checks if there are any dirt or fingerprint; and use lens paper to clear the camera Len.
- **Black image when recording sky or water scene**
Scenes with big contrast will influence the automatic exposure function of camera; you can adjust “EV in setting mode to correct.
- **Color is not perfect in cloudy day and outdoor light**
Set the “white balance” function to automatic
- **Cross stripe interference in image**
Because of wrong “light frequency”, please set it to 50Hz or 60Hz according to the local power supply frequency
- **Crash**
Restart by pressing shortly on” RESET” button after crash